

# SKILLED AND TECHNICAL SCIENCES

High School to College and Career Pathways

## SKILLED AND TECHNICAL SCIENCES

Skilled and Technical Sciences (STS) Education prepares students for employment and/or continuing education opportunities in skilled trades and other technical occupations, as well as promoting quality programs based on recognized industry standards.

## MACHINE TOOL

### Workforce Trends

Despite rising productivity that is expected to limit employment growth, opportunities should be excellent because not enough qualified people are attracted to production-related occupations.

### Get the Facts

No two countries were more responsible for the Industrial Revolution than America and England. In England, machines served to make talented artisans better. In America, machines served to make entrepreneurs more productive.

### Beyond High School

There are a number of options for education and training beyond high school, depending on your career goals.

### Sample Occupations

- > Machine Tool Cutter
- > Machinist
- > Machinery Mechanic

For more information on salary projections, labor market demand, and training options, visit [www.careers.utah.gov](http://www.careers.utah.gov).



Utah State Office of Education  
250 East 500 South/P.O. Box 144200  
Salt Lake City, UT 84114-4200

[utahcte.org](http://utahcte.org)

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## Post-Secondary Connection

Talk to your teacher and/or school counselor for the classes in this pathway that connect to college. Many Utah colleges/universities accept high school courses toward a two- or four- year degree through concurrent enrollment – saving you time and money.

**NOTES:** \_\_\_\_\_



**Career and Technical Education**  
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